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COME SEE LC

All conferees at the 1979 ALA Midwinter Meeting in Washington, D.C., are invited to a reception in the Great Hall of the Library of Congress on Sunday, January 7, from 6 to 7:30 p.m. Special courtesy buses will leave from the Woodley Road entrance of the Sheraton Park Hotel and the T Street N.W. entrance, Terrace Level, of the Washington Hilton Hotel beginning at 5:30. The reception and transportation are made available through the generous assistance of Brodart, Inc.

A special Midwinter Reception Center in the Whittall Pavilion, Ground Floor, Library of Congress Building, will be open from 4 to 8 p.m. on Sunday, 10 a.m. to 3 p.m. on Monday through Wednesday, and 10 a.m. to 12 noon on Thursday. The center will house Library exhibits and publications, and staff members will be available to offer computer demonstrations, tours, and other information. The Library of Congress Suite will be located in the Sheraton Park Hotel. Check the "Come See LC" desk in the ALA registration area in the Sheraton Park for the suite number and details on transportation to and from the Library of Congress.

PETER FAY TO HEAD PERFORMING ARTS LIBRARY

The Library of Congress has appointed Peter J. Fay head librarian for the library facility at the John F. Kennedy Center for the Performing Arts. The Performing Arts Library is a joint project of the John F. Kennedy Center and the Library of Congress, bringing together program and archival resources of the Center with the extensive collections and specialized reference staffs of the Library.

Mr. Fay comes to this position with over eight years of experience as a reference librarian in the Music Division. A native of New York State, he received his bachelor's degree and did graduate work in music at the Catholic University of America.

Before joining the Library in June 1970, Mr. Fay served as publications assistant at the Catholic University of America Press, taught music in the Prince Georges County schools, and was a department manager in a music company. In the Music Division, he held progressively responsible positions, directing the music preservation program and serving as stage manager and broadcast producer for concerts. He worked on exhibits, directed the reorganization of the music collections, and, most recently, was responsible for planning for the division's space in the James Madison Memorial Building. He has also served as chief steward of the Library's Professional Guild.

Mr. Fay is director of music at the Shrine of the Most Blessed Sacrament and is a member of the Music

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Peter Fay

Library Association. He has also been associated with the American Musicological Society and the Church Music Association of America. He lives in Washington, D.C., with his wife, Anne, and four children, Andrea, Owen, Kevin, and Brian.

Mr. Fay will work collaboratively with Geraldine M. Otremba, recently appointed by the John F. Kennedy Center to coordinate on behalf of the Center activities for the new Performing Arts Library. She will principally serve as liaison officer with the Library of Congress and will assume responsibility for the Kennedy Center Archives.

The Performing Arts Library, scheduled to open in March 1979, will serve as a reference center and introduction to the collections of music, theater, dance, and film materials in the Library of Congress. The new facility will have reference, research, and referral functions and will provide service of the Kennedy Center archival materials. The library's collection has been designed to serve the general reference needs of audience members, visitors, performers, and Kennedy Center staff; the library and its staff can guide artists and scholars who need more specialized bibliographic and research assistance. Exhibits of performing arts materials will be a part of the library's service.

The Performing Arts Library is located on the Roof Terrace level of the Kennedy Center, sharing the building's North Gallery with the new Studio Theater. The Kennedy Center, with generous assistance from its Corporate Fund and a gift from Lew R. Wasserman, center trustee and president of the Music Corporation of America, is providing the construction and capital costs for the Library and its furnishings. Occupying some 4,000 square feet of space, the library will house approximately 4,000 volumes and 300 periodical titles, a video display computer link-up with the Library of Congress, and equipment for listening to recordings on disc and cassette and viewing videotaped and filmed materials. A grant from the National Home Library Foundation will be used to supplement the initial collection with important library materials, and a gift from the Recording Industry Association of America will enrich the disc recording collection available at the library.

The Performing Arts Library is a joint venture of the Kennedy Center and the Library of Congress. The Center, one of the most successful performing arts centers in the country, and the Library, with its wealth of collections and staff expertise, expect that this new enterprise will serve the performing arts in an innovative and challenging way.

PROGRAM MARKS ARCHIVE'S 50TH YEAR

On November 16, the Library ... orated the 50th anniversary of the Archive of Folk Song. Activities included a day-long symposium (see the LC Information Bulletin *for October 27, pp. 653-654) dealing with five aspects of the archive, now a part of the American Folklife Center.*

In a session on "The Archive as a Generator of Knowledge," Alan Lomax (top left) extensively recalled the era from 1933 to 1942 when he and his father, John A. Lomax, not only collected folk music that readers might study, but also tried in a number of ways to make people in this country more aware of the scope and importance of their own musical traditions. Also present (left foreground) was prominent ethnomusicologist Charles Seeger.

In a session on "Presenting, Interpreting, and Disseminating Folk Culture to the Nation," Sterling Brown (top right) recalled a celebration at the Library in 1940 observing the 75th anniversary of emancipation.

In an evening concert on November 16, David "Honeyboy" Edwards (left), bottleneck guitarist and blues singer, joined Dee and Delta Hicks, who sang and performed on banjo, and fiddler Benny Thomasson. Burl Ives introduced the program and discussed his relationship to the Archive of Folk Song.

CZECH BOOK COLLECTION ACQUIRED

The Library of Congress has acquired a remarkable selection of Czech books from the collection of Hugo Poppy of Newark, Del. Mr. Poppy, a Czech book collector and bibliophile, came to this country in 1938, bringing with him a splendid collection of Czech fiction, poetry, and historical literature published mainly in the period between 1918 and 1938.

The 78 titles selected by the Czechoslovak specialist of the European Division for addition to the Library's collections include some of the most important Czech authors of the era (Deml, Durych, Dyk, Masaryk, Seifert, Vančura, and others) and, in many cases, are beautifully printed first editions. With a few exceptions, all the acquired books are bound, are in an excellent state of preservation, and bear witness to the high standard of craftsmanship and taste of the

pre-war Czech printers and publishers. Fifteen of the titles have been accepted by the Rare Book and Special Collections Division.

One of the outstanding titles is Jan Amos Komenský's *Kšaft umírající matky Jednoty Bratrské* (Comenius' religious and patriotic message before being exiled), published in 1928 as the first volume of a special edition of the Society of Czech Bibliophiles. The books acquired include other volumes published by that society.

FOLKLIFE CENTER BOARD MEETS

The Board of Trustees of the American Folklife Center held their autumn meeting in Woodstock, Vt., on November 18, 19, and 20. The acting chairman, Raye Virginia Allen, Washington, D.C., was formally elected chairman for the remainder of the two-year term vacated by David Voight, who resigned in July. Edward B. Danson of Arizona was elected vice chairman, succeeding Mrs. Allen.

The board and staff of the center delibe ated on policy matters and reviewed pending project proposals. The trustees adopted a set of goals for the center, and discussed publications and development. The Vermont meeting included a visit with local folk craftsmen and a briefing on the planning and development of the Vermont Folklife Project at Woodstock. The final day of meetings included a presentation from the Vermont Arts Council highlighting their folklife activities.

CENTER FOR THE BOOK INTERNATIONAL COMMITTEE MEETS

The first meeting of the Center for the Book's international committee was held at the Library on November 28. The group discussed three forthcoming events being planned by the center: a program on "The Audience for Children's Books: A Trans-Atlantic Perspective," to be cosponsored by the Library's Children's Literature Center on March 12-13, 1979; a May 17-18, 1979, symposium on "Japanese Literature in Translation," cosponsored by the Asian Division; and a conference on "The International Flow of Information: A Trans-Pacific Perspective," sponsored with the Graduate School of Library Studies at the University of Hawaii and the U.S. International Communication Agency, to be held in Hawaii on June 7-9, 1979. Several new ideas for potential activities were also discussed.

The international committee is chaired by Edward E. Booher, former McGraw-Hill, Inc. executive and former director of the National Enquiry into Scholarly Communication. Others attending the meeting included interested members of the center's National Advisory Board, representatives of organizations with international concerns, and members of the Library of Congress staff. Present were Leo Albert, chairman of the board, Prentice-Hall International; Lester Asheim, professor of library science, University of North Carolina at Chapel Hill; Mark Carroll, chief, Professional Publications, U.S. National Park Service; John Y. Cole, executive director, the Center for the Book; Vivian D. Hewitt, librarian, Carnegie Endowment for International Peace, and president, Special Libraries Association; George C. McGhee, chairman, national advisory board, the Center for the Book; Frank McGowan, acting director for area studies, Library of Congress; Carol A. Nemeyer, Associate Librarian of Congress for National Programs; Dorothy Pollet, educational liaison officer, Library of Congress; Harold F. Schneidman, associate director for programs, U.S. International Communication Agency; Datus C. Smith Jr., consultant to the Asia Society and former chairman of the board, Franklin Book Programs, Inc.; Warren Tsuneishi, chief, Asian Division, Library of Congress; Theodore Waller, executive vice president, Grolier, Inc.; and Jane Wilson, international relations officer, American Library Association.

FIRST JAMESON FELLOWSHIP RECIPIENT NAMED

J. C. A. Stagg, lecturer in history at the University of Auckland in New Zealand, has been selected to be the first recipient of the $7,000 J. Franklin Jameson Fellowship in American History, which is supported jointly by the Benjamin Fund of the Library of Congress and the American Historical Association (AHA). Mr. Stagg arrived at the Library in September and has been in residence since then.

Mr. Stagg's interest is in historical literature on the War of 1812. His publications include two articles, "The Problem of Klan Violence: The South Carolina Up-Country, 1868-1871," *Journal of American Studies* VIII (1974) and "James Madison and the 'Malcontents': the Political Origins of the War of 1812," *William and Mary Quarterly* XXXIII (1976). For the latter he was awarded the Stuart L. Bernath Prize by the Society for Historians of American

J. C. A. Stagg

Foreign Relations for the best article in the field of American diplomatic history in 1976.

Mr. Stagg was educated at the University of Canterbury, where he received a bachelor's degree in 1967 and a master's degree in 1969. He held a postgraduate scholarship from the University Grants Committee of New Zealand in 1969-72 and subsequently a graduate fellowship at Princeton University, from which he earned his Ph. D. in 1973. Most of his research through May 1979 will be undertaken at the Library of Congress and the National Archives.

On October 19, 1976, the Library and AHA jointly sponsored the J. Franklin Jameson Lecture in American History. C. Vann Woodward, Sterling professor of history at Yale University, spoke on "The Aging of America." A revised version of the lecture was printed in *The American Historical Review* (June 1977, pp. 583-594). Although the lecture was an appropriate way to commemorate the Bicentennial year, the Library and AHA subsequently decided that a fellowship would address itself to a more pressing national need—support of outstanding younger historians. The fellowship, named in honor of John Franklin Jameson, a founder of the AHA, longtime managing editor of *The American Historical Review*, chief of the Manuscript Division of the Library from 1928 to 1937, and first incumbent of the Library's Chair of American History, will be offered annually to support significant scholarly research in the collections of the Library of Congress by young historians.

STAFF NEWS

AWARD

Richard H. Mehaffey, industrial engineer in the Library Environment Resources Office, received a Federal Service Award pin on November 15 in recognition of 30 years of service.

Mr. Mehaffey was appointed to the Library staff in October 1972 as an industrial engineer in the Buildings Management Office, and was transferred to LERO following a reorganization in April 1976. His previous Federal service included employment with the Department of the Navy and the U.S. Postal Service.

PERSONNEL CHANGES

Appointments: Marie-Louise Bernal, librarian (law), GS-9, LL Eur, 6023; Lucille Cook, accounts maintenance clerk (typing), GS-4, Cop Acq & Proc, 5981; Edwin Gardner, copyright deposit copies storage clerk trainee, GS-3, Cop Rec Mgmt, OP 8-200; Benjamin Mealey, searching assistant, GT-5, Photodup, 6139; Robert Newton, cataloger (advanced trainee), GS-7, Cop Cat, 6093; Eliakim Scheinin, head, Fiscal Control Section, GS-7, Ord, 6042; Vicky Wulff, cataloger (advanced trainee), GS-7, Cop Cat, 6093.

Temporary Appointments: David Brumbaugh, deck attendant, GS-3, Col Mgmt, GR-113; Lien-Huong Fiedler, cataloger (advanced trainee), GS-7, Cop Cat, 6046; James Gallagher, card preparation clerk, GT-3, NUCPP, NP; Chrystie Johnson, deck attendant, GS-3, Col Mgmt, GR-113; Saundra Manley, library aid, GS-1, Col Mgmt, NP; Adrienne Smith, deck attendant, GS-3, Col Mgmt, GR-113.

Reappointment: Gwinnetter Spratling, paperwork management assistant, GS-5, CS, NP.

Temporary Reappointment: Joseph Sullivan, deck attendant, GS-3, Col Mgmt, GR-113.

Promotions: William Budd, to copyright cataloger (advanced trainee), GS-7, Cop Cat, 6092; Susan Crosby, to bibliographic editor, GS-7, CRS L, 5976; Margaret Ellis, to assistant division secretary, GS-6, CRS Ed, 6054; Stanley Enger, to head, Collections Maintenance Section, GS-12, Col Mgmt, 6197; Agnes Ferruso, E&G, to head, Government Publications Section, GS-13, Ser, 6019; Vicky George, CRS L, to library technician, GS-5, Cop Acq & Proc, 6076; Pamela Hairston, Preserv, to reference assistant, GS-5, CRS E, 5975; Robin Holibaugh, to library technician, GS-6, CRS C, 6143; Glen Huffman, to card copy editor, GT-5, NUCPP, 6180; Stephen Krankowski, to forklift operator, WG-5, P&S, 6167; Martha Schweitzer, to assistant division secretary, GS-6, CRS Gov, 6113; Peter Vankevich, to library technician, GS-5, Cop Acq & Proc, 6076; Claretta Walker, to copyright cataloger (advanced trainee), GS-7, Cop Cat, 6092.

Transfers: Sheila Day, Pers R&P, to serial recorder (trainee), GS-5, Cop Cat, 6094; Oscar DeWitt, CRS C, to compliance searcher, GS-4, Cop Acq & Proc, 6070; George Sadusk, Sys Dev, to systems analyst (systems programmer), GS-12, Sys Eng, 5988.

Resignations: Brigid Adu-Sarkodie, LL NEA; Robert Brown, Bldgs; Dorothy Gilmore, CDS; Margot Meeks, FRD; Michael Paganelli, ASO.

STAFF ACTIVITIES

Guy C. Echols, paralegal specialist in the Copyright Office Library, was elected to the Board of Directors of the National Capital Area Paralegal Association (NCAPA) at their annual meeting held at the Capital Hilton on November 16. NCAPA, a member of the National Federation of Paralegals, has over 400 members in the metropolitan area. The purposes of the organization are to foster continuing education, to be a resource center, and to provide a forum of exchange for overview on points and matters of professional interest. The association also deals with concerns of paralegals, provides pro bono service to the elderly, and provides a job bank service to paralegals who are interested in finding work in their field.

John W. Kimball Jr., head of the Automation and Reference Collections Section of the General Reading Rooms Division, was a panelist at the fall meeting of the Reference Group of the District of Columbia Library Association. The meeting was held November 13 in the Martin Luther King Library and was devoted to general reference services offered by different types of libraries in the metropolitan area. Speaking first, Mr. Kimball recounted recent changes in the Library of Congress general reading rooms and outlined the reference services offered to the public in person, by mail, and by telephone. Molly Raphael, chief of the Philosophy, Psychology, and Religion Division of the Martin Luther King Library, next discussed references services offered by her institution. The last speaker, Madeline Mullin, chief librarian of the State Services Organization Library, explained the support her library provides to the organization and to other libraries in the area. Each panelist answered questions after his or her presentation and participated in a general question-and-answer period that made up the second half of the program.

Eugene Nabors, reference specialist, American-British Law Division, participated in a workshop on "Sources for Legislative Research" held at the U.S. Tax Court on Thursday morning, November 30. Mr. Nabor's paper, entitled "Developing Legislative Histories before 1903," emphasized the hardship and frustration surrounding legislative research in the 19th century. This workshop was sponsored by the Law Librarians' Society of Washington, D.C.

David G. Remington, chief of the Cataloging Distribution Service, addressed librarians of the Metropolitan (N.Y.) Reference and Research Libraries (METRO) on November 22 at the Donnell Library Center in New York City. He discussed in a photographic slide/lecture a marketing strategy for Library of Congress bibliographic products and services in the age of MARC. Mr. Remington speculated on the directions and developments of Library of Congress bibliographic services in light of automation of its catalogs, the marketing role of private and public sector bibliographic utilities and service centers, and new developments in information transfer outside the traditional library field.

Barbara Ringer, Register of Copyrights, was presented the Special Achievement Award by the American Society of Magazine Photographers in New York City on November 9 for her distinguished work and achievement in the field of copyright. In her acceptance speech, she reviewed the role of photographers' rights in the history of the copyright law, recalled the photographers' recent loss of faith in the ability of the copyright law to protect their rights, and summarized the means by which the new law improves the rights of photographers.

Richard W. Stephenson, head of the Reference and Bibliography Section, Geography and Map Division, was the keynote speaker at the Third Workshop on Map Libraries in the southeast United States on Sunday, November 19. The workshop was held at the University of Georgia, Athens, in conjunction with the 33rd annual meeting of the Southeastern Division of the Association of American Geographers. Mr. Stephenson's address, entitled "Map Librarianship in the United States: A Review," traced the growth of map collections in libraries in the United States, the evolution of specialized professional training for map librarians, and the associated growth of a corpus of literature about maps in libraries. Mr. Stephenson cited the Special Libraries Association's establishment of the first national map library organization 34 years ago as clear evidence that a legitimate subfield of special librarianship had emerged and was recognized by the special library profession.

ANNOUNCEMENTS

Public Law 95-382, approved September 22, allows **civil service retirement credit** to Japanese-Americans for time after age 18 which was spent in World War II internment camps. This time is also creditable for leave because 5 U.S.C. 6303 provides that service which is creditable for civil service retirement is creditable for leave accrual. Staff members who qualify for this additional service credit should advise the Personnel Operations Office. Claims of service spent in World War II internment camps can be verified by writing to the Office of National Archives,

National Archives and Records Service, Washington, D.C. 20408.

The Library of Congress **WRA Choral Society** will carol in the National Library Service for the Blind and Physically Handicapped conference room at the Taylor Street Annex on Wednesday, December 20, at 10 a.m. The annual Carol Sing in the Great Hall will begin at 2:00 p.m. on Thursday, December 21. All employees of the Library and their families are cordially invited to attend.

LIBRARY OF CONGRESS PUBLICATIONS

Accessions List: Brazil. ISSN 0146-1060. Vol. 4, No. 6. June 1978. Continuing subscriptions free to libraries upon request to the Field Director, Library of Congress Office, American Consulate General, APO Miami 34030.

Accessions List: Eastern Africa. ISSN 0145-8736. Vol. 11, No. 5. September 1978. Continuing subscriptions free to libraries upon request to the Field Director, Library of Congress Office, American Consulate General, Karachi, Pakistan.

Accessions List: India. ISSN 0041-7734. Vol. 17, No. 10. October 1978. Continuing subscriptions free to libraries upon request to the Field Director, Library of Congress Office, American Embassy, New Delhi, India.

Accessions List: Middle East. ISSN 0041-7769. Vol. 16, Nos. 9 and 10. September and October 1978. Continuing subscriptions free to libraries upon request to the Field Director, Library of Congress Office, American Embassy, Cairo, Arab Republic of Egypt.

Accessions List: Southeast Asia. ISSN 0096-2341. Vol. 4, No. 6. June 1978. Continuing subscriptions free to libraries upon request to the Field Director, Library of Congress Office, American Consulate General, Karachi, Pakistan.

Federal Library Committee Newsletter. No. 107. October 1978. (13 p.) Free upon request to the Federal Library Committee, Library of Congress, Navy Yard Annex, Washington, D.C. 20540.

LC Classification–Additions and Changes. ISSN 0041-7912. List 191. July-September 1978. (119 p.) For sale by the Cataloging Distribution Service, Library of Congress, Washington, D.C. 20541 for $30 a year or $7.50 a single issue.

LC Science Tracer Bullet: Marine Mammals and Their Protection. ISSN 0090-5232. (TB 78-7). November 1978. (10 p.) Compiled by Suzanne Stephens, this reference aid provides a systematic approach to "published materials useful in studying the biology and natural history of marine mammals–the Cetacea (whales, dolphins, and porpoises), the Pinnipedia (seals, sea lions, and walruses), the Sirenia (dugongs, sea cows, and manatees), and *Ursus maritimus* (the polar bear)," with special emphasis on "those materials that describe measures taken to protect marine mammals from extinction and exploitation." Copies may be obtained free on request from the Reference Section, Science and Technology Division, Library of Congress, Washington, D.C. 20540. Copies have also been provided to the Superintendent of Documents for distribution to depository libraries.

Library of Congress Name Headings with References. ISSN 0093-0563. April-June 1978. (361 p.) For sale by the Cataloging Distribution Service for $95 for three quarterly issues and an annual cumulation.

Musical Mainstream. ISSN 0364-7501. Vol. 2, No. 6. November-December 1978. Free on request from the National Library Service for the Blind and Physically Handicapped, Library of Congress, Washington, D.C. 20542.

New Serial Titles–Classed Subject Arrangement. ISSN 0028-6699. October 1978. (35 p.) Prepared under the sponsorship of the Joint Committee on the Union List of Serials and published monthly by the Library of Congress. For sale by the Cataloging Distribution Service for $50 a copy.

News. ISSN 0160-9211. Vol. 9, No. 6. November-December 1978. Free on request from the National Library Service for the Blind and Physically Handicapped.

Talking Book Topics. ISSN 0039-9183. Vol. 44, No. 6. November-December 1978. Free on request from the National Library Service for the Blind and Physically Handicapped.

Update. ISSN 0160-9203. Vol. 2, No. 2. November-December 1978. Free on request from the National Library Service for the Blind and Physically Handicapped.

Library of Congress Regulations: No. 2013-19 (October 30) established the Library's policy and procedures for adjusting work schedules for staff members requesting time off for religious observances; No. 414-12 (November 3) restated the Library's policy and procedures for processing Library books and serials bearing national security classification; No. 2013-16 (November 22) updates the statement on designating beneficiaries of deceased Library employees;

No. 1614-4 (November 4) revised page 3 to reflect current procedures to be followed when making computer terminal requests; No. 315 (December 4) was amended to include advising The Associate Librarian, upon his request, on the retail value of gifts made by foreign governments to Library employees, reflect current organizational titles, and clarify the routing of certain evaluation reports; No. 2023-5 (December 4) eliminated Section 4., page 2, concerning gifts and decorations from foreign governments; 2023-5.1 set out rules for receiving and disposing gifts and decorations made by foreign governments to Library employees; No. 213-12 (December 5) reflected the current organization of the Subject Cataloging Division, Processing Services.

Special Announcements: No. 78-46 (November 8) announced that under the Federal Employees Health Benefit Program, staff members have the opportunity to change enrollments during the "open season"; No. 78-47 (November 15) concerned assignment of street parking for Library staff carpools; No. 78-48 (November 16) announced the temporary closing of the Senate Stationery Room; No. 78-50 (December 1) advised the staff that there will be 27 pay periods in 1979 which will affect leave accrual; No. 78-51 (December 4) announced the temporary promotion of Warren M. Tsuneishi as director for area studies, Research Services; No. 78-52 (December 6) explained the civil service retirement credit to Japanese-Americans for time spent in World War II internment camps.

Press Releases: No. 78-94 (November 2) Library of Congress Issues Guide to U.S.-African Relations; No. 78-95 (November 2) Library of Congress Offers Plan for Romanization; No. 78-96 (November 2) Library of Congress Publishes Catalog of Gifts of Lessing J. Rosenwald; No. 78-97 (November 2) Library of Congress Archive of Folk Song Celebrates 50th Year; No. 78-98 (November 2) Library of Congress Issues *MARC Serials Editing Guide;* No. 78-99 (November 6) ASCAP Presents Copyright Essays to Library of Congress Copyright Office; No. 78-100 (November 7) Library of Congress Exhibit Celebrates 50 Years of Animation; No. 78-101 (November 15) "Folk-Songs of America" Recording Commemorates 50th Anniversary of Archive of Folk Song; No. 78-102 (November 16) Mickey Mouse to Visit Library of Congress November 24; No. 78-103 (November 17) New Work by Author/Composer Anthony Burgess to Be Performed at the Library of Congress on December 1; No. 78-104 (November 17) Poets Jane Cooper and Louis Coxe to Read at Library of Congress on December 4.

APPENDIX

THE STAR OF BETHELEHM
PART I

A Selected List of References
Compiled by
Ruth S. Freitag
Office of Bibliography

The star seen by the Wise Men, as described in the Gospel of Matthew, has been a perennial source of wonder. It has engaged the interest of historians and chronologists striving to determine the exact year of Christ's birth, theologians and exegetes attempting to plumb its significance, orientalists seeking to place the story in the context of the astrological beliefs of the time, and astronomers hoping to explain the phenomenon in a natural way.

The writings generated by researches and speculations on the nature of the star are very numerous, but even the best efforts of the most erudite scholars have failed to settle the matter. Matthew is our only source of information, and such details as he gives do not permit of a completely satisfactory natural explanation. The controversy, and the publishing, are likely to continue for the duration of Christendom.

Many scholars, including some distinguished astronomers, have concluded that the star was a miracle, thus disposing summarily of the difficulties presented by Matthew's terse account. Others, beginning with Origen, have suggested a variety of possibilities, encompassing nearly every kind of object the heavens display: a comet, or two comets; a bright meteor; a dense meteor shower; Venus, Mars, Jupiter, and Saturn, singly or in a grouping of two or more; a nova or a supernova; one of the brighter fixed stars; a constellation, for example, Gemini or Virgo; the zodiacal light; or a combination of two or more of these. Arguments have been presented for and against them all, and the search for a better solution goes on.

One of the most widely accepted explanations of the star involves the triple or great conjunction of Jupiter and Saturn in the constellation Pisces that took place during 7 B.C. The reasons given for this are that the timing is about right and that the Wise Men would have interpreted its significance as heralding the birth of a king of the Jews, possibly a messianic king. Students of Babylonian astrology tell us that Jupiter was the royal planet, while Saturn governed the fate of the Hebrews, and the sign of Pisces, the last in the zodiac, was concerned with Palestine (alternatively, with the last days or the end of the world). The idea of the importance of the conjunction seems to have originated with Kepler. It was strongly reinforced in the 1820s when Bishop Münter found in a commentary on Daniel by the 15th-century Jewish scholar Don Isaac Abravanel a detailed presentation of his belief that a great conjunction of Jupiter and Saturn in Pisces in 1464 had heralded the birth of the messiah. To satisfy objections based on the fact that Matthew consistently speaks of one star, not several, some commentators have tried to show that the word he used could have connoted a grouping. Others declare that Jupiter alone was the star of the Magi, or else that a new star appeared in the same region of the sky to serve this purpose, once the conjunction had attracted the Wise Men's attention.

Interest in the star of Bethlehem, as reflected in the literature, has occasionally been heightened by fresh developments, such as the appearance of new stars in 1572 and 1604, the translation into Western languages of Chinese astronomical records in the late 18th and early 19th centuries, the search for the "pilgrim star" in the 1880s, the return of Halley's Comet in 1910, the establishment during the 1920s and 30s of planetariums in many European and U.S. cities, the publication during the same period of cuneiform tablets relating to the 7 B.C. triple conjunction, and a similar triple conjunction that occurred in 1940/41.

The strangest of these occasions, however, involves the so-called pilgrim star. In a short work on Tycho's star published in 1573, the Bohemian astronomer Cyprianus Leovitius stated that bright stars had appeared at the same place in the sky in the years 945 and 1264. His source was a book which has not been identified. Building on this rather uncertain foundation, it was suggested (by Théodore de Bèze, according to Appel) that this supposed variable, with a period of ca. 315 years, had been at a bright stage about the beginning of the Christian era and was therefore the star seen by the Wise Men. If this story were true, another brightening could be

expected during the 1880s. Numerous articles appeared in the popular press, and science writers and astronomers received many inquiries from the public about the imminent reappearance of the star of Bethlehem. A close watch was kept on the appropriate part of the sky (in the constellation Cassiopeia) during most of the decade, but the anticipated flareup did not take place, and nothing has been heard of the notion since. The stars of 945 and 1264 cited by Leovitius may have been comets; and later discoveries concerning the catastrophic nature of supernovae made it most unlikely that Tycho's star would ever be visible to the naked eye again.

More recently, a renewed interest has been shown in an object observed by Chinese astronomers in 5 B.C. The annals of the Former Han Dynasty record what was probably a new star that appeared in the spring of the year in the constellation Capricorn, remaining visible for 70 days. Although the Chinese history calls it a comet, this may be an error, because the customary description of its motion across the sky is lacking. A late 18th-century Latin translation already identified it as a "stella nova," according to Wieseler, who believed it might have been the star of the Magi, although he dated it in 4 B.C. Among other writers who have connected this phenomenon, whether as a comet or as a nova, with the Christmas star are Fresa and Lundmark. In 1977 three English astronomers (Clark, Parkinson, and Stephenson) argued persuasively that it was indeed a nova and as such "appears to be the most likely explanation" of the star of Bethlehem.

The materials described below were identified through indexes to general, astronomical, and religious periodicals, as well as in library catalogs, encyclopedias, subject bibliographies, and lists of references and footnotes found in the works cited. Popular and scholarly treatments of the nature of the star of Bethlehem are included; works of poetry and fiction, iconographic studies, and discourses confined to other aspects of the star have been omitted. A few articles are very brief, and some merely rehearse earlier suggestions and findings without contributing anything new. It was felt that some of these derivative writings might be the only ones available in small libraries, and that therefore it was worthwhile to list them. National Union Catalog symbols are used wherever possible to locate copies of monographs not held by the Library of Congress; the location symbols for journal articles and serials, however, indicate only the libraries in the Washington, D.C., area where issues were seen by the compiler. The *Union List of Serials* and *New Serial Titles* should be consulted for additional locations.

The compiler wishes to express thanks to Von Del Chamberlain of the National Air and Space Museum for bringing to her attention a number of unfamiliar items, as well as to the librarians of the Catholic University of America and the U.S. Naval Observatory for their hospitality. Information about additional sources that readers may care to submit would be welcome, as a more comprehensive list may eventually be published in pamphlet form.

Adler Planetarium and Astronomical Museum, *Chicago.* What was the star of Bethlehem? Christianity today, v. 9, Dec. 18, 1964: 277-280.
BRl.C6418, v. 9

Taken from a pamphlet published by the planetarium and prepared by members of its professional staff.

A planetary conjunction is regarded as the most likely of the various possibilities, but "many of us believe the Star to have been a miracle, and thus utterly incapable of explanation."

Alter, Dinsmore. The Christmas star. Griffith observer, v. 4, Dec. 1940: 146-147. QBl.G7, v. 4

"The Journey of the Magi," a painting by Sassetta, is reproduced on the cover.

Reprinted in v. 12, Dec. 1948, p. 138-140.

Anger, Rudolf. Der Stern der Weisen und das Geburtsjahr Christi. Eine chronologische Untersuchung. Leipzig, F. A. Brockhaus, 1847. 56 p.
MH-AH

Appel, Theodore. The star of the East. Bibliotheca sacra, v. 35, Jan. 1878: 147-178. BRl.B8, v. 35

Supports the nova hypothesis.

Argentieri, Domenico. Quando visse Cristo? Prolegomeni ad ogni vita di Cristo. Milano, Fratelli Bocca, 1945. 179 p. plates. (Piccola biblioteca di scienze moderne, n. 482) BT303.A7

Tries to show that Christ was born in 11 B.C. and that Halley's Comet was the star seen by the Wise Men. A briefer presentation, "Un grande problema della storia: quando nacque e quando morì Gesù Cristo," appears in the *Atti* of the Società italiana per il progresso delle scienze, 23, v. 2 (Roma 1935. Q54.S6, v. 23, 2), p. 267-270.

Asimov, Isaac. The star. *In his* Asimov's guide to the Bible. v. 2. The New Testament. Garden City, N.Y., Doubleday, 1969. p. 128-130. BS635.2.A8, v. 2

Considers Halley's Comet or a planetary conjunction the likeliest candidates, and points out that the

story of the star might be based on recollections set down several decades after the event.

Asimov, Isaac. Star in the East. Magazine of fantasy and science fiction, v. 47, Dec. 1974: 117-127. AP2.M2344, v. 47

Discusses nine possible explanations. Reprinted in *The Planet That Wasn't* (Garden City, N.Y., Doubleday, 1976. Q171.A715), p. [183]-194.

Ballantyne, J.W. The star in the East. Expository times, v. 28, Apr. 1917: 327. BS410.E8, v. 28

Refers to "Professor Lauth's theory identifying the star of Bethlehem with the dogstar Sirius which rose heliacally on the first of the Egyptian month Mesori for four years in succession (B.C. 5, 4, 3, and 2)" and offers a suggestion in support of this identification.

Barry, Catharine E. The star of the Magi. Sky and telescope, v. 7, Dec. 1947: 42-43. illus. QB1.S536, v. 7

Barton, William H. The Christmas star. Sky, v. 4, Dec. 1939: 3-5. illus., port. QB1.S535, v. 4

Barton, William H. Christmas story. Sky and telescope, v. 1, Dec. 1941: 9-11. illus. QB1.S536, v. 1

Barton, William H. Origin of the first Xmas: what was the star of Bethlehem? Sky, v. 1, Dec. 1936: 3, 13, 24. illus. QB1.S535, v. 1

Barton, William H. The star of Bethlehem. Sky, v. 2, Dec. 1937: 4-7. illus. QB1.S535, v. 2

Barton, William H. Star of the East. Christian Science monitor, v. 33, Nov. 30, 1940, weekly magazine section: 14-15. illus. N&CPR

Barton, William H. The Wise Men's star. Sky, v. 5, Dec. 1940: 6-7, 22. illus. QB1.S535, v. 5

Bauer, Georg K. Der Stern der Weisen. *In his* Sternkunde und Sterndeutung der Deutschen im 9.-14. Jahrhundert, unter Ausschluss der reinen Fachwissenschaft. Berlin, E. Ebering, 1937. (Germanische Studien, Hft. 186) p. 76-78. QB25.B3

Benecke, Paul V. M. Magi. *In* Hastings, James, *and others, eds.* A dictionary of the Bible. v. 3. New York. C. Scribner's Sons, 1900. p. 203-206. BS440.H5 1898, v. 3

Includes bibliographic references.

The problem of the star is discussed on p. 204-205.

Bilt, Jan van der. De ster der Wijzen. Hemel de dampkring, 38. jaarg., juli/aug. 1940: 265-269. QB1.N4[illegible], v. 38

Bibliographic footnotes.

Blair, H. A. The signs of the Nativity. Church quarterly review, v. 160, Jan./Mar. 1959: 4-10. BR1.C685, v. 160

Includes bibliographic references.

Deals chiefly with the star of Bethlehem and efforts to explain it.

Boll, Franz J. Der Stern der Weisen. Zeitschrift für die neutestamentliche Wissenschaft, 18. Jahrg., Heft 1/2, 1917: 40-48. BS410.Z6, v. 18

Bibliographic footnotes.

From a background of nearly 30 years' study of astronomy and astrology in antiquity, the author concludes that the information provided in the Gospel of Matthew is insufficient for a satisfactory identification of the star. Reprinted in his *Kleine Schriften zur Sternkunde des Altertums* (Leipzig, Koehler & Amelang, 1950. QB16.B66), p. 135-142.

Branley, Franklyn M. The Christmas sky. Illustrated by Blair Lent. New York, T. Y. Crowell Co. [1966] [48] p. col. illus. BT315.2.B67

For children.

The text was also published in *Redbook,* v. 128, Dec. 1966, p. 45, 110-111 (AP2.R28, v. 128).

Brodrick, James. His star. Tablet, v. 181, Jan. 2, 1943: 7-8. AP4.T17, v. 181

Brodrick, James. The star of Bethlehem: a puzzle to the astronomers, but not to us. Tablet, v. 194, Dec. 24, 1949: 448. AP4.T17, v. 194

Brophy, Liam. Follow that star. Apostle, v. 36, Dec. 1958: 4-5, 40. BV2300.M3A6, v. 36

Discusses four proposed explanations—a meteor, a comet, a nova, and a planetary conjunction—but judges that "Complete scientific explanation[s] of the star are still wanting. Mystery still surrounds it . . ."

Brown, Prudence. Star of wonder. Connecticut, v. 38, Dec. 1975: 46. F91.C26, v. 38

Includes comments by Carl Sagan and Isaac Asimov.

Brown, Raymond E. The Magi come to pay homage to the King of the Jews (§ 6). *In his* The birth of the Messiah; a commentary on the infancy narratives in Matthew and Luke. Garden City, N.Y., Doubleday, 1977. p. [165]-201. BS2575.2.B76

Bibliography: p. 200-201.

In his notes on the words "his star," the author considers the three main explanations proposed—a nova, a comet, and a planetary conjunction—and regards the last as the most important.

Brown, Raymond E. The meaning of the Magi; the significance of the star. Worship, v. 49, Dec. 1975: 574-582. DCU

Discusses the story against the background of Old Testament prophecies. "If one wishes to invoke astronomy to explain Matthew 2, one should recognize the probable direction of the ancient thought pattern. *After* people came to believe in the risen Jesus as the Son of God, in retrospect they would begin to look for an astronomical phenomenon to associate with the birth of such a figure—and the result may have been a combination of vague memories of astronomical phenomena in the period 12-6 B.C. with the Old Testament imagery of the Davidic Star."

Bruns, J. Edgar. The Magi episode in Matthew 2. Catholic biblical quarterly, v. 23, Jan. 1961: 51-54. BS410.C3, v. 23

Bibliographic footnotes.

Supports the Halley's Coment identification.

Burke-Gaffney, Michael W. Kepler and the star of Bethlehem. *In* Royal Astronomical Society of Canada. Journal, v. 31, Dec. 1937: 417-425. illus. QB1.R485, v. 31

Kepler believed that what the Wise Men saw "was not of the ordinary run of comets or new stars, but by a special miracle moved in the lower layer of the atmosphere" and that the great conjunction of 7 B.C. was "a harbinger of the miraculous star . . ."

Burrows, Eric. The star of the Magi. *In his* The oracles of Jacob and Balaam. London, Burns Oates & Washbourne [1938] (The Bellarmine series, 3) p. 97-100.

The National Union Catalog Pre-1956 Imprints ascribes copies to some 20 U.S. libraries.

Bibliographic footnotes.

The author believes the star may well have been a comet, possibly Halley's in 12 B.C.

Callender, *Sir* Geoffrey A. R. The star of the Epiphany. Church quarterly review, v. 143, Jan./Mar. 1947: 135-161. BR1.C685, v. 143

Argues that the star was a nova.

Canton, William. The star of the Magi. Expositor, 5th ser., v. 9, June 1899: 465-472. BS410.E7, s. 5, v. 9

Responds to a letter from E. F. B., a missionary in Calcutta.

Chamberlain, Von Del. Star of wonder. American Red Cross youth news, v. 56, Dec. 1974: 20-22. col. illus. HV583.A1A5, v. 56

Chasapēs, Kōnstantinos S. Ho astēr tēs Bēthleem; astronomikos prosdiorismos tou chronou tēs gennēseōs tou Iēsou Christou. Athēnai, Ekdoseis A. Karavia, 1970. 12, 285 p. illus., facsims., plates, port. BT315.2.C48

Summary in English (p. [257]-261).

Bibliography: p. [263]-268.

Christmas star. Science digest, v. 34, Dec. 1953: back cover. col. illus. Q1.S383, v. 34

Clark, David H., John H. Parkinson, *and* F. Richard Stephenson. An astronomical re-appraisal of the star of Bethlehem—a nova in 5 BC. *In* Royal Astronomical Society. Quarterly journal, v. 18, no. 4, 1977: 443-449. DN-Ob

References (12): p. 448-449.

A bright nova which appeared in the spring of 5 B.C. is regarded as the most likely explanation of the star of Bethlehem.

Clarke, Arthur C. What was the star of Bethlehem? Holiday, v. 16, Dec. 1954: 95-99, 101. illus. AP2.H592, v. 16

Supports the nova hypothesis.

Reprinted as "What Star Was This?" in the *Saturday Evening Post,* v. 248, Dec. 1976, p. 48-49, 96 (AP2.S2, v. 248).

An abridgment entitled "Does the Star of Bethlehem Still Shine?" appeared in the *Reader's Digest,* v. 66, Jan. 1955, p. 121-123 (AP2.R225, v. 66).

Cole, D. I. The star of Bethlehem. *In* Astronomical Society of Southern Africa. Monthly notes, v. 23, Nov. 1964: 152-172. DN-Ob
References (16): p. 172.

Coles, Robert R. A Christmas fantasy. Sky and telescope, v. 6, Dec. 1946: 6-7, 22. illus.
QB1.S536, v. 6

Coles, Robert R. The Christmas star. Sky and telescope, v. 5, Dec. 1945: 7-8. illus. QB1.S536, v. 5

Coles, Robert R., *and* Frances M. Frost. Star of wonder. Pictures by Paul Galdone. New York, McGraw-Hill Book Co. [1953] 48 p. illus. BT315.C55
For children.

Corbishley, Thomas. "What is known of the star of Bethlehem?" Scripture, v. 3, Apr. 1948: 51-52.
DCU
Suggests three explanations: a comet, a planetary conjunction, or a miraculous phenomenon.

Davis, Donald D. What was the Christmas star? Monthly evening sky map, v. 54, Nov./Dec. 1960: 4-6. illus. QB1.M75, v. 54

Ebrard, Johannes H. A. Die Weisen aus dem Morgenlande. *In his* Wissenschaftliche Kritik der evangelischen Geschichte. 2., gänzlich umgearb. Aufl. Erlangen, Heyder & Zimmer, 1850. p. 227-242.
BS2555.E3
Bibliographic footnotes.
Most of the section is given over to a discussion of the star; the author agrees with Kepler's proposal.
A third edition (Frankfurt a.M., Heyder & Zimmer, 1868) is ascribed to IaU, NjPT, and OClW.

Edersheim, Alfred. The visit and homage of the Magi, and the flight into Egypt. (St. Matt. ii. 1-18.) *In his* The life and times of Jesus the Messiah. v. 1. 2d ed., stereotyped. New York, A. D. F. Randolph [1884] p. 202-216. Micro 68353 BT
Bibliographic footnotes.
The star is treated on p. 207-213.

Eichler, *Missionär.* Der Stern der Weisen und die chinesischen Zeittafel. Allgemeine Missions-Zeitschrift, 17. Bd., März 1890: 121-123. BV2354.A6, v. 17
Several writers having cited a Chinese record of a comet in 6 B.C. in support of a favored date for the birth of Christ, the author investigated Chinese sources and found so many comets recorded during the relevant period that he concludes they are useless for such a determination.

Emanuelli, Pio L. La stella dei Magi dal punto di vista astronomico. Roma, Bontempelli, 1913. 12 p.
First published in *Rassegna contemporanea.*

Ewing, Ann. Star of Bethlehem. Science news letter, v. 80, Dec. 9, 1961: 386-387. illus. Q1.S76, v. 80
"Astronomers have suggested several explanations for the Star of Bethlehem: a brilliant meteor, a comet, a supernova and an unusual configuration of planets."

Federer, Charles A. Rambling through December skies. Sky and telescope, v. 36, Dec. 1968: 396, 396. QB1.S536, v. 36
Discusses a variety of conjunctions that have been suggested as explanations for the star of Bethlehem.

Ferrari d'Ochieppo, Konradin. Jupiter und Saturn in den Jahren −125 und −6 nach babylonischen Quellen. *In* Akademie der Wissenschaften, *Vienna. Mathematisch-naturwissenschaftliche Klasse.* Sitzungsberichte, 173. Bd., Abt. 2, 9./10. Heft, 1964: 343-376. AS142.V311, v. 173, Abt. 2
Bibliography: p. 376.

Ferrari d'Ochieppo, Konradin. Der Stern der Magier. *In* Akademie der Wissenschaften, *Vienna. Philosophisch-historische Klasse.* Anzeiger, 111. Jahrg., Nr. 19, 1974: 319-345. plate. AS142.V317, v. 111
Bibliographic footnotes.
Contents: 1. Der Stern der Magier im Lichte der spätbabylonischen Astronomie.—2. Die Namen der Magier: Bithisarea, Melichior, Gathaspar.—Anhang. A. Saturn als Planet des Volkes Israel. B. Eine gemeinsame Grossperiode für Saturn, Jupiter und Mars? C. Einige besondere Phasen von Jupiter und Saturn.

Ferrari d'Ochieppo, Konradin. Der Stern de Weisen. *In his* Kunde vom Weltall; das Geheimnis der Sterne. Wien, Verlag Herold [1952] p. 32-37.
QB44.F394

Ferrari d'Ochieppo, Konradin. Der Stern der Wiesen: Geschichte oder Legende? Wien, Verlag Herold [1969] 135 p. plates. BT315.2.F4
Bibliography: p. [124]-130.

Filas, Francis L. The star of the Magi. Irish ecclesiastical record, v. 85, June 1956: 432-433.
BX801.I7, v. 85

Letter to the editor objecting to the view that only those outside the Catholic Church could support a natural explanation of the star. The writer goes on to give arguments in favor of the planetary conjunction theory.

Finegan, Jack. The star. *In his* Handbook of biblical chronology: principles of time reckoning in the ancient world and problems of chronology in the Bible. Princeton, N.J., Princeton University Press, 1964. p. 238-248. BS637.2.F5

Includes bibliographic references.

Fitzpatrick, Jesse A. Venus at the Christmas star. Sky and telescope, v. 1, Dec. 1941: 11, 25. map.
QB1.S536, v. 1

Fotheringham, John K. The star of Bethlehem. Journal of theological studies, v. 10, Oct. 1908: 116-119. BR1.J8, v. 10

Bibliographic footnotes.

From his reading of *The Reports of the Magicians and Astrologers of Nineveh and Babylon in the British Museum* (London, Luzac, 1900), edited by Reginald Campbell Thompson, the author suggests that Mars may have been the star.

Frege, Christian A. Der Wunderstern bei der Geburt des Erlösers, erleuchtend den prophetischen Zusammenhang himmlischer Erscheinungen mit irdischen. Zeitz, Webel, 1812.

Fresa, Alfonso. La stella dei Magi e la cometa Finsler (1924 c). Bologna, Tip. Compositori [1955] [118]-124 p. illus. DN-Ob

English summary.

References (13): p. 124.

Reprinted from *Coelum*, genn./febbr. 1955.

Argues that the comet that appeared in 5 B.C. may have been Comet Finsler. ". . . we find that the change of place in the sky of the comet is not in contradiction to that of the star of the Magi as reported in the Gospel of St. Matthew."

Gaechter, Paul. Die Magierperikope (Mt 2, 1-12). Zeitschrift für katholische Theologie, 90. Bd., 3. Heft, 1968: 257-295. BX803.Z5, v. 90

Bibliographic footnotes.

Reasons that correct interpretation must be based on the Old Testament and the culture of ancient Israel rather than on that of pagan antiquity. The author concludes that Jupiter was the star seen by the Magi.

Gerhardt, Oswald. Grundzüge der Chronologie Jesu Christi. A. Das Geburtsjahr. Forschungen und Fortschritte, 10. Jahrg., 20. März 1934: 1'2-113. illus.
Q3.F6, v. 10

Chiefly about the star of Bethlehem and its importance in dating the year of Christ's birth.

Gerhardt, Oswald. Der Stern des Messias; das Geburts- und das Todesjahr Jesu Christi nach astronomischer Berechnung. Leipzig, A. Deichertsche Verlagsbuchh. Dr. W. Scholl, 1922. 144 p. illus.
BT303.G26

"Literaturnachweis": p. [141]-144.

See also "Über unsere Zeitrechnung," by Oswald Gerhardt, Jr., in *Unsere Welt*, 24. Jahrg., Nov. 1932, p. 335-339, followed by Bernhard Bavink's "Bemerkungen zum vorstehenden Aufsatz," p. 339-341, and additional comments from "G. G.," Dr. Bavink, and Gerhardt Sr. in the Dez. 1932 issue, p. 367-371 (AP30.U58, v. 24).

Gossner, Simone D. The star of Bethlehem. Nature magazine, v. 50, Dec. 1957: 544-545.
QH1.N52, v. 50

Grundmann, Walter. Exk. 2. Der Stern von Bethlehem. *In his* Das Evangelium nach Matthäus. Berlin, Evangelische Verlagsanstalt [1968] (Theologischer Handkommentar zum Neuen Testament, 1) p. 80-81. BS2344.T5, v. 1

Bibliographic footnotes.

Hänsler, Heinrich. Der Stern der Weisen. Theologie und Glaube, 17. Jahrg., 6. Heft, 1925: 745-783. illus. DCU

Bibliographic footnotes.

Includes a discussion of the significance to the Hebrews of a triple conjunction of Jupiter and Saturn in Pisces.

Hagar, Stansbury. What was the star of Bethlehem? Popular astronomy, v. 26, Mar.-June/July 1918: 150-159, 229-237, 323-332, 392-396. illus.
QB1.P8, v. 26

Bibliographic footnotes.

A letter from S. C. Hunter commenting on this article appears under the title "The Star of Bethlehem" in the June/July issue, p. 424.

Hagen, John G. Stella Magorum. *In* Hagen, Martin, *ed.* Lexicon Biblicum. v. 3. Parisiis, Sumptibus P. Lethielleux, 1911. (Cursus Scripturae Sacrae, pars prior, 6) columns 1070-1075. DCU

Hagen, John G. Was haben Kepler und Tycho Brahe vom Stern der Weisen gehalten? Stimmen aus Maria-Laach, 48. Bd., Feb. 1895: 155-162. AP30.S7, v. 48

Bibliographic footnotes.

Harmon, John G. [The star of Bethlehem] Astronomy, v. 1, Dec. 1973: 33-35. QB1.A7998, v. 1

Hartmann, Gerhard. Das astronomische Ereignis 1940/41 und der Stern der Weisen. Stimmen der Zeit, 138. Bd., Apr. 1941: 234-238. AP30.S7, v. 138

Discusses the conjunction theory in the light of a triple conjunction of Jupiter and Saturn that took place during the period Aug. 1940-Feb. 1941.

Hennig, Richard. Ein neues Sichtbarwerden des "Sterns der Heiligen 3 Könige" i.J. 1940. Natur und Volk, 70. Bd., Juli 1940: 359-362. QH5.S4, v. 70

Hennig, Richard. Der Stern von Bethlehem und das Geburtsjahr Jesu. *In his* Das Geburts- und Todesjahr Christi. Eine wissenschaftliche Prüfung der überlieferten Unterlagen, insbesondere der Berichte über den Stern von Bethlehem und die Sonnenfinsternis am Todestage Jesu. Essen (Ruhr), Verlag H. Fürstenau, 1936. p. 5-36. BT303.H5

Bibliographic references included in "Anmerkungen" (p. 57-60).

Heyn, Johann. Johann Heyns Sendschreiben an einen Freund auf dem Lande, worinnen gezeiget wird, dass der Stern, welcher den Weisen aus Morgenland erschienen, ein Komet gewesen ist. Frankfurt, 1742. 20 p. NN

Heyn, Johann. Sendschreiben an des Hrn. Magister Semlers . . . Hochwohlehrwurden worinnen einige unmassgebliche Vorschläge gethan werden, wie dessen vollständige Beschreibung des Sterns der Weisen noch etwas vollständiger gemacht werden könte. Berlin, 1743.

Held by the British Library under shelfmark 531. e. 30. (2.).

The Holy light. Time, v. 108, Dec. 27, 1976: 29. illus. AP2.T37, v. 108

Holzmeister, Urban. La stella dei Magi. La Civiltà cattolica, anno 93, 3 genn. 1942: 9-22. illus. AP37.C5, v. 93

Bibliographic footnotes.

Hontheim, Joseph. Das Datum der Geburt Christi. Der Katholik, 87. Jahrg., 1.-2. Heft, 1907: 15-44, 113-136.

Hontheim, Joseph. Die Konjunktion des Jupiter und Saturn im Jahre 7 v. Chr. Der Katholik, 88. Jahrg., 2. Heft, 1908: 187-195.

Hughes, David W. The Star of Bethlehem. Nature, v. 264, Dec. 9, 1976: 513-517. illus., map. Q1.N2, v. 264

References (19): p. 517.

The cover of the issue reproduces in color a detail from a sixth-century mosaic at Ravenna, showing one of the Wise Men and the star. A chronological table in the text presents "the major biblical and astronomical events occurring around the time of the birth of Christ."

Hujer, Karel. Christmas and the stars. Popular astronomy, v. 53, Dec. 1945: 486-489. QB1.P8, v. 53

Sees the star of Bethlehem as related to ancient celebrations of the winter solstice.

Ideler, Ludwig. [Stern der Weisen zur Bestimmung des Geburtsjahrs Christi benutzt] *In his* Handbuch der mathematischen und technischen Chronologie. 2. Bd. Berlin, Bei A. Rücker, 1826. p. 399-410. CE71.I4, v. 2

Bibliographic footnotes.

See also his *Lehrbuch der Chronologie* (Berlin, Bei A. Rücker, 1831. CEll.I4), p. 424-431, which includes on p. 429 Encke's figures for the positions of Jupiter and Saturn at their three conjunctions in 7 B.C.

Joyce, Edward J. Star of Bethlehem. *In* New Catholic encyclopedia. v. 13. New York, McGraw-Hill Book Co. [1967] p. 644. BX841.N44 1967, v. 13

Includes bibliographic references.

Kaempffert, Waldemar. Was the star of Bethlehem a comet? Cosmopolitan, v. 48, Jan. 1910: 168-172. illus. AP2.C8, v. 48

Despite the title, the author supports the idea of a nova, which he pictures as the result of a collision of two burnt-out suns.

Keller, Werner. The star of Bethlehem. *In his* The Bible as history; archaeology confirms the Book of Books. Translated from the German by William Neil. [Rev. 1963] London, Hodder and Stoughton [1974] p. 331-339. illus. BS635.2.K3713 1974

Favors the planetary conjunction theory. Points out that the asterisk often printed preceding a year to indicate a birth date is a symbol of the star of Bethlehem, corresponding to the dagger similarly used to identify a death date, which represents the cross.

Kellner, Karl A. Heinrich. Der Stern der Weisen. *In his* Jesus von Nazareth und seine Apostel im Rahmen der Zeitgeschichte. Regensburg, New York, F. Pustet, 1908. p. 250-252. DDO; MH; NjPT

Bibliographic footnotes.

Kepler, Johann. De vero anno qvo aeternvs Dei Filivs hvmanam natvram in vtero benedictae Virginis Mariae assumpsit. Francofvrti, Typis ac sumptibus I. Bringeri, M. DC. XIV. 179 p. BT303.K38 Rare Bk. Coll.

Reprinted in his *Gesammelte Werke,* Bd. 5, *Chronologische Schriften* (München, C. H. Beck'sche Verlagsbuchhandlung, MCMLIII. QB3.K3 1937, v. 5), p. [7]-126. For discussion of the star, see chapter 12 (p. 91-97).

Kepler's other works relating to the star seen by the Wise Men include the second part of *De Stella Nova in Pede Serpentarii* (Francofvrti, M. D. CVI.) and *De Iesv Christi Servatoris Nostri Vero Anno Natalitio* (Francofvrti, In Officina Typographica W. Richteri, M. DC. VI.), both reprinted in the *Gesammelte Werke,* Bd. 1 (1938), p. [313]-356 and p. [357]-390.

King, Henry C. The Christmas star. [Toronto] Royal Ontario Museum, 1970. 8 p. illus. QB805.K55

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Concludes that the star was a supernatural manifestation.

Part II of this bibliography will appear in next week's issue of the LC *Information Bulletin.*

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